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015322766 \*\*Image available\*\*

WPI Acc No: 2003-383701/200337

XRPX Acc No: N03-306481

**Supply line structure for energy supply/information transfer in motor vehicle has star structure star point impedance corresponding to characteristic impedance of supply line branches**

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Number of Countries: 032 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 1288078	A2	20030305	EP 200216071	A	20020719	200337 B
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DE 10142410	A1	20030403	DE 1042410	A	20010831	200337
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US 20030057771	A1	20030327	US 2002234868	A	20020903	200337
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JP 2003163704	A	20030606	JP 2002255456	A	20020830	200346
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Priority Applications (No Type Date): DE 1042410 A 20010831

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1288078	A2	G	16	B60R-016/02	
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

DE 10142410	A1			B60R-016/02	
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US 20030057771	A1			B60L-001/00	
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JP 2003163704	A			11 H04L-025/02	
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Abstract (Basic): EP 1288078 A2

NOVELTY - The supply line structure has supply lines arranged in a star structure with at least one star point, whereby the star point or points each has an impedance corresponding to the characteristic impedance of the individual supply line branches leading to it. An additional series resistance is arranged at each star point in the incoming supply line branches.

USE - For energy supply to and information transfer between motor vehicle electrical components.

ADVANTAGE - Guarantees transmission of information with very little noise effect between motor vehicle components supplied by the structure. Reflections in the supply line structure are particularly inhibited

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic representation of an inventive arrangement

star points (P1-P3)

pp; 16 DwgNo 5/7

Title Terms: SUPPLY; LINE; STRUCTURE; ENERGY; SUPPLY; INFORMATION; TRANSFER ; MOTOR; VEHICLE; STAR; STRUCTURE; STAR; POINT; IMPEDANCE; CORRESPOND; CHARACTERISTIC; IMPEDANCE; SUPPLY; LINE; BRANCH

Derwent Class: Q17; W01; W02; W05; X22

International Patent Class (Main): B60L-001/00; B60R-016/02; H04L-025/02

International Patent Class (Additional): H01B-007/00; H04B-003/54

File Segment: EPI; EngPI

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